



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/758,418	01/16/2004	Christoph Krieglmeyer	03P00999	5645
24252	7590	12/07/2005	EXAMINER	
OSRAM SYLVANIA INC 100 ENDICOTT STREET DANVERS, MA 01923			KEANEY, ELIZABETH MARIE	
			ART UNIT	PAPER NUMBER
			2882	

DATE MAILED: 12/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/758,418

Applicant(s)

KRIEGLMEYER, CHRISTOPH

Examiner

Elizabeth Keaney

Art Unit

2882

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,6 and 12 is/are rejected.
- 7) ☒ Claim(s) 2-5,7-11 and 13 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 January 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 1/16/04
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Priority

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Specification

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Drawings

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: 1. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the

Art Unit: 2882

description: 63. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 2 and 7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 2 and 7 recite the limitation "the rim" in line 5. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 103

Art Unit: 2882

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Friederichs et al. (US Patent 5,744,901; hereinafter Friederichs) in view of Work et al. (US Patent 6,111,359; hereinafter Work).

Friederichs discloses, in figures 1-2 and throughout the disclosure, a reflector for an electric lamp, the reflector having:

- a reflector body (1) with an inner side, designed in an optically reflecting fashion, and an outer side as well as at least one cutout for the lamp (10) or lamp part, and
- at least one metallic contact element (40) that is designed as an angular contact lug being fastened on the outer side of the reflector body,
 - wherein the at least one contact lug is fixed at least two different locations of the reflector body with the aid of claws or barbs (26) that are integrally formed on the at least one contact lug.

However, Friederichs teaches that the reflector body is made of glass rather than consisting of an electrically insulating plastic.

Work discloses a reflector body composed of either glass or electrically insulating plastic (column 16, lines 23-26).

Art Unit: 2882

It would have been obvious to one of ordinary skill in the art at the time the invention was made to substitute electrically insulating plastic for the glass of Friederichs because it is less costly to manufacture and produces a lighter product.

Claims 6 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krieg et al. (US Patent 4,623,815; hereinafter Krieg) in view of Work.

Re claim 6: Krieg discloses, in figures 2,4 and 5 and throughout the disclosure, a reflector lamp having a reflector and an electric lamp, wherein:

- the electric lamp has at least one supply lead (15) projecting from a lamp vessel (24), for a luminous means enclosed in the lamp vessel;
- the reflector (11) has a reflector body with an inner side, designed in an optically reflecting fashion, and an outer side,
- the reflector body having at least one cutout, through which the at least one supply lead is led, and at least one metallic contact element (16) that is fastened on its outer side and is connected to the at least one supply lead, and is designed as an angular contact lug,
 - the at least one contact lug is fixed at least two different locations of the reflector body with the aid of claws or barbs (18) that are integrally formed on the at least one contact lug.

Art Unit: 2882

Kreig further discloses the reflector body consisting of an electrically insulating material, specifically ceramic. However, Kreig fails to explicitly suggest the use of plastic.

Work discloses a reflector body composed of either glass or electrically insulating plastic (column 16, lines 23-26).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to substitute electrically insulating plastic for the glass of Friederichs because it is less costly to manufacture and produces a lighter product.

Re claim 12: Friederichs discloses a welded connection existing between the at least one supply lead and the at least one contact lug (column 3, line 38).

Allowable Subject Matter

Claims 2-5,7-11 and 13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

Re claims 2,7 and 11: The best prior art of record discloses a reflector for an electric lamp having many of the features of the instant invention including the at least one contact lug. However, the prior art fails to teach or fairly suggest a reflector for an

Art Unit: 2882

electric lamp wherein the reflector body has at least one pin integrally formed on the outer side of the reflector body, and a first limb of the at least one contact lug has a cutout in which the at least one pin is arranged with a clamping fit, a rim formed in the cutout being provided with the claws or barbs, as claimed in claims 2 and 7. Claim 11 is allowable by virtue of its dependency.

Re claims 3-5,9-10 and 13: The best prior art of record discloses a reflector for an electric lamp having many of the features of the instant invention, including the at least one contact lug. However, the prior art fails to teach or fairly suggest a reflector for an electric lamp wherein the reflector body has on its outer side at least one depression in which there is arranged a part of the contact lug that extends transverse to a first limb of the at least one metallic contact lug, the part of the at least one metallic contact lug that extends transverse to the first limb being provided with the claws or barbs, as claimed in claims 3 and 8. Claims 4,5,9,10 and 13 are allowable by virtue of their dependency.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- US Patents 5,367,219 and 5,534,742 disclose the current state of the art.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Elizabeth Keaney whose telephone number is (571)272-

Art Unit: 2882

2489. The examiner can normally be reached on Monday, Tuesday, Thursday, Friday 7:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ed Glick can be reached on (571)272-2490. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Elizabeth Keaney
Examiner
Art Unit 2882



EDWARD J. GLICK
SUPERVISORY PATENT EXAMINER